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SHRIYA CONSTRUCTION AND CONSULTANCY

#1133, 3rd Floor, 3rd Stage, 'B' Cross, Yelahanka New Town Bangalore 560064.

NO: YEL-P/PMC/DOBI /Lint

Date: 17/02/2023

Test report on cement Concrete Cubes:

Sub: Testing of concrete cubes (for below said no of days – Compressive Strength)

Name of Work Development of Dobhighat in Ward No.01

Ref: Material Testing/PMC/22-23.

Report submitted to: Assistant Executive Engineer, Yelahanka Projects Division, BBMP Bangalore.

Name of Agency/ contractor: M Sri H V Onkarappa.

RESULTS OF COMPRESSIVE STRENGHT OF CONCRETE CUBES

CUBE SPECIMENS

Dimentions of Specimens: 150x150x150mm

Grade Of concrete: **M25**

Table1.1

Sl No	Location	Date Of Casting	Date Of Testing	Weight Of Cubes	Age in days	Load (KN)	Compressive Strength	Average Strength N/mm2
1	Lintel and Staircase Concrete (Upto Midlanding)	20-01-2023	17-02-2023	8.00	28	640.00	28.44	26.70
2		"	"	8.20	"	580.00	25.78	
3		"	"	8.35	"	600.00	26.67	
4		"	"	8.40	"	595.00	26.44	
5		"	"	8.30	"	585.00	26.00	
6		"	"	8.30	"	605.00	26.89	

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#1133, 3rd Floor, 3rd Stage, 'B' Cross, Yelahanka New Town Bangalore 560064.

NO: YEL-P/PMC/DOBI /COI

Date: 09/02/2023

Test report on cement Concrete Cubes:

Sub: Testing of concrete cubes (for below said no of days – Compressive Strength)

Name of Work Development of Dobhighat in Ward No.01

Ref: Material Testing/PMC/22-23.

Report submitted to: Assistant Executive Engineer, Yelahanka Projects Division, BBMP Bangalore.

Name of Agency/ contractor: M Sri H V Onkarappa.

RESULTS OF COMPRESSIVE STRENGHT OF CONCRETE CUBES

CUBE SPECIMENS

Dimentions of Specimens: 150x150x150mm

Grade Of concrete: **M25**

Table1.1

Sl No	Location	Date Of Casting	Date Of Testing	Weight Of Cubes	Age in days	Load (KN)	Compressive Strength	Average Strength N/mm2
1	Columns Above Lintel - Building	02-02-2023	09-02-2023	8.33	7	425.00	18.89	18.18
2		"	"	8.41	"	409.00	18.18	
3		"	"	8.30	"	435.00	19.33	
4		"	"	8.10	"	410.00	18.22	
5		"	"	8.00	"	395.00	17.56	
6		"	"	8.25	"	380.00	16.89	

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#1133, 3rd Floor, 3rd Stage, 'B' Cross, Yelahanka New Town Bangalore 560064.

NO: YEL-P/PMC/DOBI /Col

Date: 02/03/2023

Test report on cement Concrete Cubes:

Sub: Testing of concrete cubes (for below said no of days – Compressive Strength)

Name of Work Development of Dobhighat in Ward No.01

Ref: Material Testing/PMC/22-23.

Report submitted to: Assistant Executive Engineer, Yelahanka Projects Division, BBMP Bangalore.

Name of Agency/ contractor: M Sri H V Onkarappa.

RESULTS OF COMPRESSIVE STRENGHT OF CONCRETE CUBES

CUBE SPECIMENS

Dimentions of Specimens: 150x150x150mm

Grade Of concrete: **M25**

Table1.1

Sl No	Location	Date Of Casting	Date Of Testing	Weight Of Cubes	Age in days	Load (KN)	Compressive Strength	Average Strength N/mm2
1	Columns Above Lintel - Building	02-02-2023	02-03-2023	8.21	28	560.00	24.89	26.19
2		"	"	8.23	"	580.00	25.78	
3		"	"	8.28	"	600.00	26.67	
4		"	"	8.10	"	610.00	27.11	
5		"	"	8.15	"	600.00	26.67	
6		"	"	8.43	"	585.00	26.00	

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NO: YEL-P/PMC/DOBI /COl

Date: 27/02/2023

Test report on cement Concrete Cubes:

Sub: Testing of concrete cubes (for below said no of days – Compressive Strength)

Name of Work Development of Dobhighat in Ward No.01

Ref: Material Testing/PMC/22-23.

Report submitted to: Assistant Executive Engineer, Yelahanka Projects Division, BBMP Bangalore.

Name of Agency/ contractor: M Sri H V Onkarappa.

RESULTS OF COMPRESSIVE STRENGHT OF CONCRETE CUBES

CUBE SPECIMENS

Dimentions of Specimens: 150x150x150mm

Grade Of concrete: **M25**

Table1.1

Sl No	Location	Date Of Casting	Date Of Testing	Weight Of Cubes	Age in days	Load (KN)	Compressive Strength	Average Strength N/mm2
1	Building Slab and Staircase till Roof	20-02-2023	27-02-2023	8.61	7	425.00	18.89	18.01
2		"	"	8.34	"	416.00	18.49	
3		"	"	8.51	"	425.00	18.89	
4		"	"	8.56	"	405.00	18.00	
5		"	"	8.41	"	381.00	16.93	
6		"	"	8.23	"	379.00	16.84	

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Date: 20/03/2023

NO: YEL-P/PMC/DOBI /COl

Test report on cement Concrete Cubes:

Sub: Testing of concrete cubes (for below said no of days – Compressive Strength)

Name of Work Development of Dobhighat in Ward No.01

Ref: Material Testing/PMC/22-23.

Report submitted to: Assistant Executive Engineer, Yelahanka Projects Division, BBMP Bangalore.

Name of Agency/ contractor: M Sri H V Onkarappa.

RESULTS OF COMPRESSIVE STRENGHT OF CONCRETE CUBES

CUBE SPECIMENS

Dimentions of Specimens: 150x150x150mm

Grade Of concrete: **M25**

Table1.1

Sl No	Location	Date Of Casting	Date Of Testing	Weight Of Cubes	Age in days	Load (KN)	Compressive Strength	Average Strength N/mm2
1	Building Slab and Staircase till Roof	20-02-2023	20-03-2023	8.41	28	632.00	28.09	27.34
2		"	"	8.35	"	643.00	28.58	
3		"	"	8.27	"	590.00	26.22	
4		"	"	8.22	"	600.00	26.67	
5		"	"	8.35	"	640.00	28.44	
6		"	"	8.14	"	586.00	26.04	

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#1133, 3rd Floor, 3rd Stage, 'B' Cross, Yelahanka New Town Bangalore 560064.

RESULTS OF PHYSICAL PROPERTIES OF TMT STEEL

SPECIMENS 8,10 AND 12MM DIA

Date of Testing: 28/12/2022

Grade Of Steel: **Fe 500.**
Technical Ref: IS.1786:2008, IS 1608:2005, IS 1599:1985(Reaffined-2006).

Table

SL No	Grade	Nominal Size of Rebar (Dia)	Mass (KG/meter)	Tensile Strength		
				20% Proof Stress / Yeild Stress (N/mm2)	Tensile Strength (N/mm2)	Elongation Percent on gauge Length
1.	Fe 500	8 mm	.33	560	560	13.80
2.	Fe 500	10mm	.65	572	580	14.65
3.	Fe 500	12mm	.84	540	590	14.80
4.	Fe 500	16mm	1.58	560	555	15.40
5.	Fe 500	20mm	2.46	590	600	15.95

Name of Work Development of Dobhighat in Ward No.01

Ref: Material Testing/PMC/22-23.

Report submitted to: Assistant Executive Engineer, Yelahanka Projects Division, BBMP Bangalore.

Name of Agency/ contractor: M Sri H V Onkarappa.

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#1133, 3rd Floor, 3rd Stage, 'B' Cross, Yelahanka New Town Bangalore 560064.

Date: 10/01/2023

NO: YEL-P/PMC/DOBI /BLOCKS

1. Test report on cement Concrete Blocks:

Sub: Testing of concrete– Compressive Strength) As Per IS (Part I)

Name of Work Development of Dobhighat in Ward No.01

Ref: Material Testing/PMC/22-23.

Report submitted to: Assistant Executive Engineer, Yelahanka Projects Division, BBMP Bangalore.

Name of Agency/ contractor: M Sri H V Onkarappa.

RESULTS OF COMPRESSIVE STRENGHT OF CONCRETE CUBES

CUBE SPECIMENS

Dimentions of Specimens: 400x200x200mm

Table 1.1

SL No	Location	Date of casting	Date of Testing	C/S Area mm2	Age	Load KN	Compressive Strength-N/mm2	Average
1.	Building	NA	10-01-2023	80000	NA	450	5.63	6.22
2.		"	"	"	"	485	6.01	
3.		"	"	"	"	520	6.50	
4.		"	"	"	"	514	6.43	
5.		"	"	"	"	530	6.63	
6.		"	"	"	"	490	6.13	

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#1133, 3rd Floor, 3rd Stage, 'B' Cross, Yelahanka New Town Bangalore 560064.

NO: YEL-P/PMC/DOBI /BLOCKS

Date: 21/01/2023

1. Test report on cement Concrete Blocks:

Sub: Testing of concrete– Compressive Strength) As Per IS (Part I)

Name of Work Development of Dobhighat in Ward No.01

Ref: Material Testing/PMC/22-23.

Report submitted to: Assistant Executive Engineer, Yelahanka Projects Division, BBMP Bangalore.

Name of Agency/ contractor: M Sri H V Onkarappa.

RESULTS OF COMPRESSIVE STRENGHT OF CONCRETE CUBES

CUBE SPECIMENS

Dimentions of Specimens: 400x200x200mm

Table 1.1

SL No	Location	Date of casting	Date of Testing	C/S Area mm2	Age	Load KN	Compressive Strength- N/mm2	Average
1.	Building	NA	21/01/2023	80000	NA	555	6.9	7.01
2.		"	"	"	"	540	6.75	
3.		"	"	"	"	571	7.13	
4.		"	"	"	"	584	7.3	
5.		"	"	"	"	563	7.03	
6.		"	"	"	"	556	6.95	

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